

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)

Week 37 (9/06/2020 – 9/12/2020)

COCONINO COUNTY
September 18, 2020

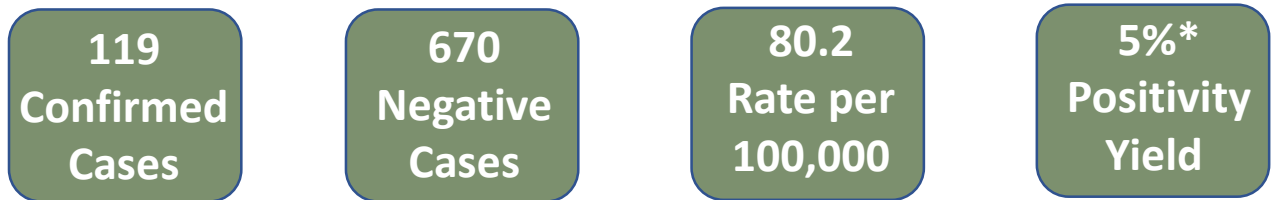
Situation Summary

MMWR Week 37 (9/06/2020-9/12/2020)

A total of 3,437 confirmed COVID-19 cases have been reported among Coconino County residents through week 37.

Deaths: 134 (4% of cases) **Probable Cases: 72** **Probable Deaths: 6**
Recovered Cases: 2,996 (87% of cases)
Hospitalizations: 607 (18% of cases)

Cases Reported Week 37 (September 6 - September 12, 2020):



Community Transmission

- Coconino County has a current **incidence rate of 80.2 per 100,000**, **percent positivity of 5%***, and **COVID-19-Like-Illness incidence (CLI) of 2.4%****.
- Coconino County is currently at a **moderate** level of community transmission.

| Benchmarks | Minimal | Moderate | Substantial |
|-----------------------|----------------------|-------------------------|-----------------------|
| Cases | <10 cases/100,000 | 10-100 cases/100,000 | >100 cases/100,000 |
| Percent Positivity | <5% | 5-10% | ≥10% |
| COVID-19-Like-Illness | <5% | 5-10% | >10% |

The Arizona Department of Health defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

***Percent positivity was calculated using only ELR data due to insufficient reporting.**

****Incidence rate and percent positivity data are from week 37 (CLI data from week 36 due to reporting lag). CLI is reported using hospital surveillance from the ADHS dashboard at the county level. Not all county hospitals are reporting CLI. Percent positivity numbers may differ from ADHS, as ADHS does not include non-electronic lab reports in % positivity calculations**

Cumulative Counts (March 15, 2020- September 12, 2020):

3,437
Confirmed
Cases

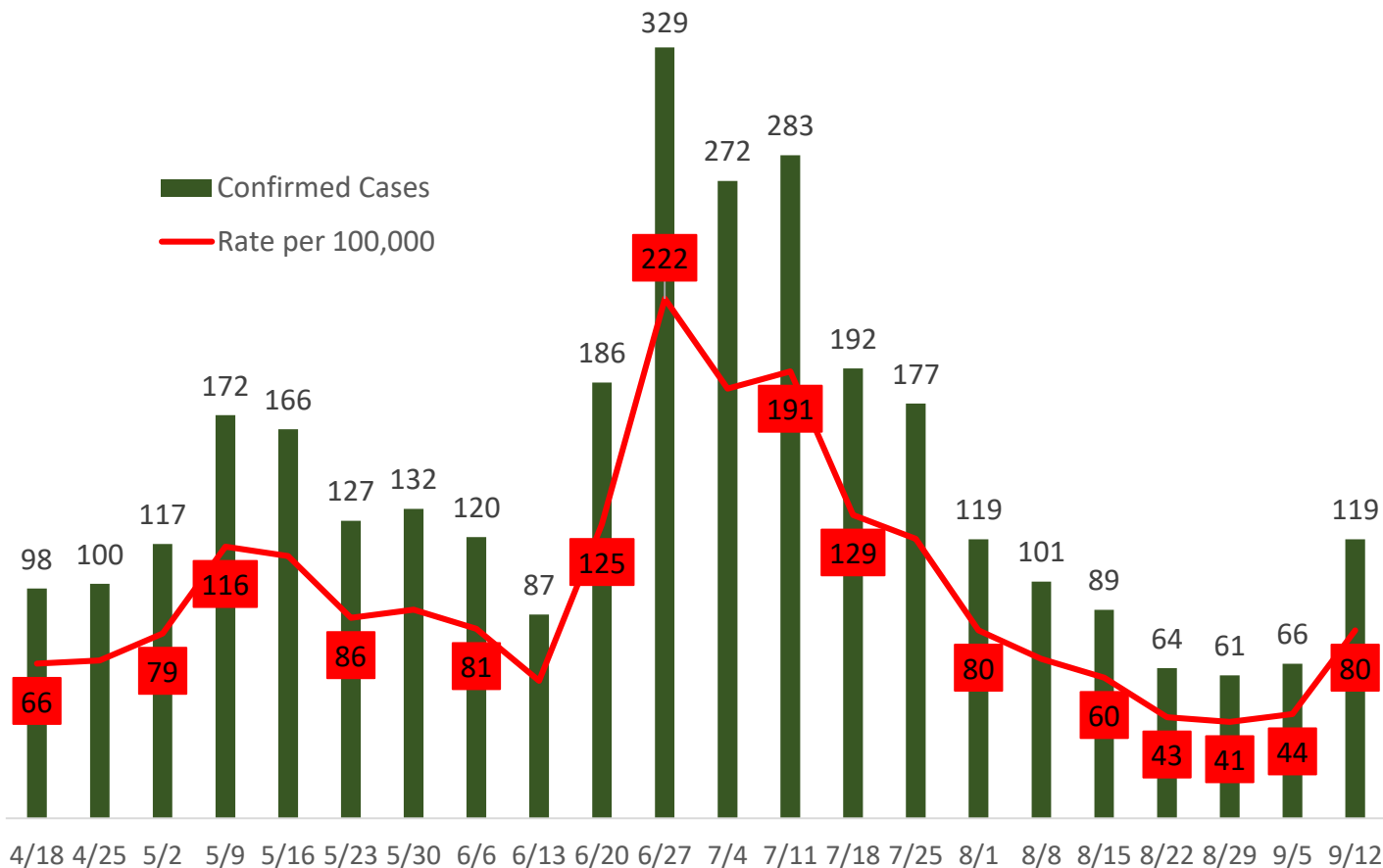
34,561
Negative
Tests

37,998
Total Tests
Resulted

9%
Positivity
Yield

2,316.4 cases per 100,000 Coconino County Residents
vs.
2,944.2 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:



Age:

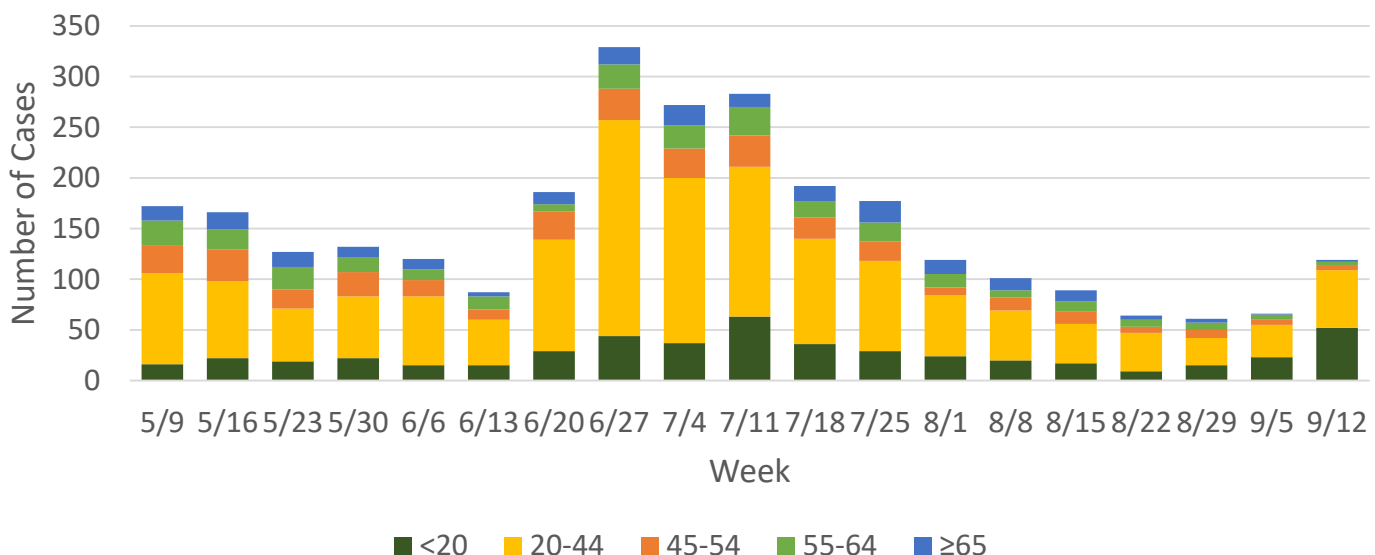
| Age | Confirmed Cases | Total Tests | Positivity Yield | Testing Incidence per 100,000 | Case Incidence per 100,000 |
|-------------|-----------------|-------------|------------------|-------------------------------|----------------------------|
| <20 years | 534 | 5,098 | 10% | 11,807 | 1,236.8 |
| 20-44 years | 1,754 | 17,711 | 10% | 32,793 | 3,247.6 |
| 45-54 years | 432 | 4,920 | 9% | 31,580 | 2,772.9 |
| 55-64 years | 381 | 4,879 | 8% | 28,844 | 2,252.5 |
| 65+ years | 336 | 5,032 | 7% | 27,350 | 1,826.2 |

The median age of Coconino County COVID-19 cases is 35 years old

Key Take Away

- The highest positivity yield (10%) was observed among residents aged less than 20 years and 20-44 years.
- The highest testing incidence was observed among residents aged 20-44 years (nearly 20% higher than that of 65+ years).
- The highest incidence of COVID-19 was among residents aged 20-44 years (nearly 78% higher than that of 65+ year-olds).

Age of Confirmed Cases by Week



Location:

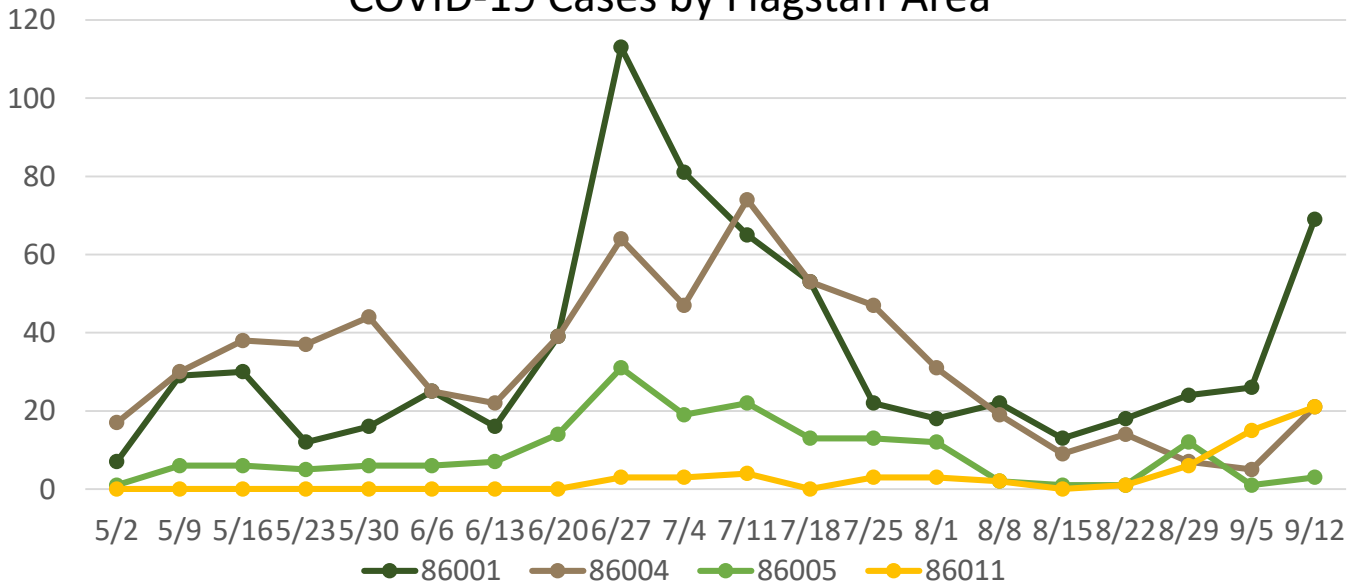
| Location | Confirmed Cases | Total Tests | Positivity Yield | Testing Incidence per 100,000 | Case Incidence per 100,000 |
|--------------------|-----------------|-------------|------------------|-------------------------------|----------------------------|
| Flagstaff | 1,662 | 25,299 | 7% | 32,925 | 2,163.0 |
| Page | 301 | 2,701 | 11% | 34,834 | 3,881.9 |
| Tribal Communities | 1,295 | 7,322 | 18% | 28,181 | 4,984.2 |
| Williams | 67 | 1,113 | 6% | 21,136 | 1,272.3 |
| Grand Canyon | 47 | 461 | 10% | 18,551 | 1,891.3 |
| Other Areas | 65 | 1,076 | 6% | 3,581 | 216.3 |



Key Take Away

- The highest positivity yield and COVID-19 incidence was seen among tribal communities.
- The COVID-19 incidence rate in tribal communities was 2.3 times higher than the incidence rate observed in Flagstaff.
- The COVID-19 incidence rate in Page was 1.8 times higher than the incidence rate observed in Flagstaff.

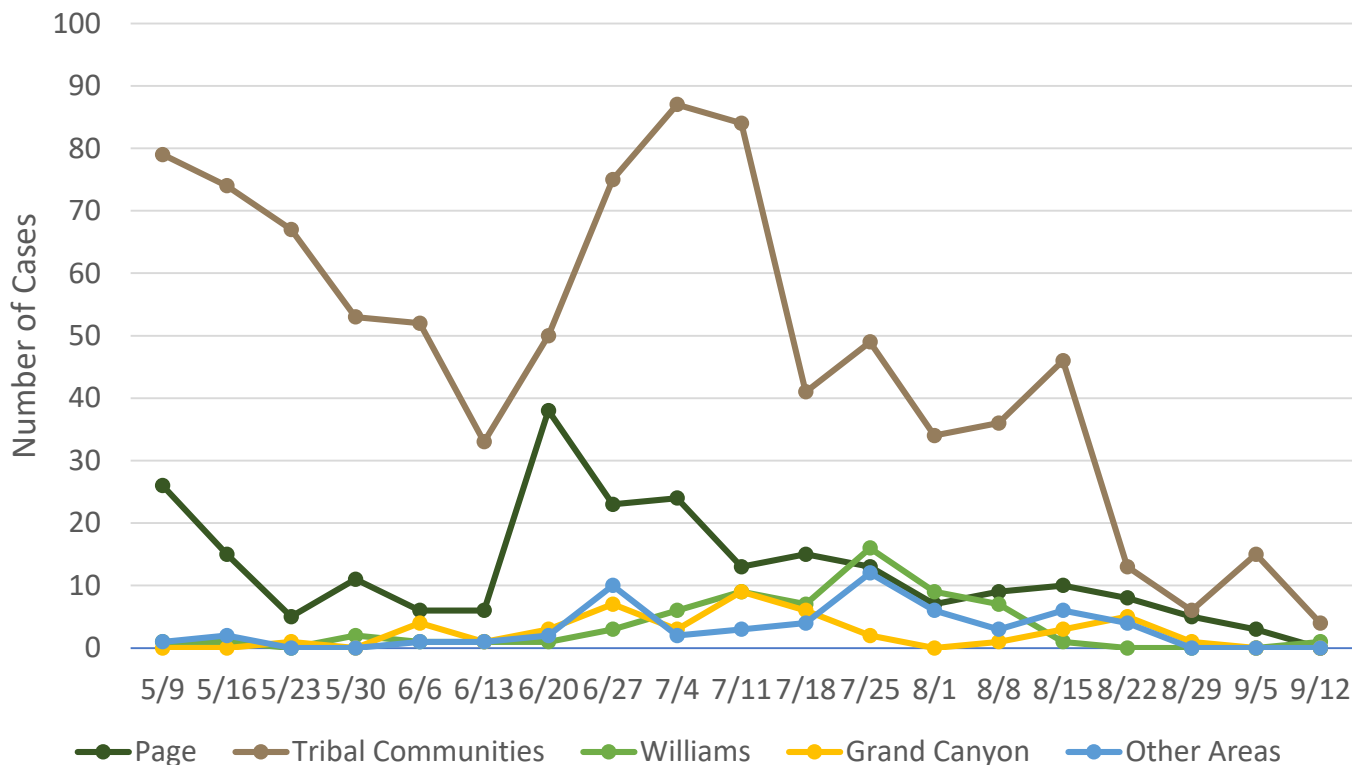
COVID-19 Cases by Flagstaff Area



*Cases reported from 3/15/20-9/12/20

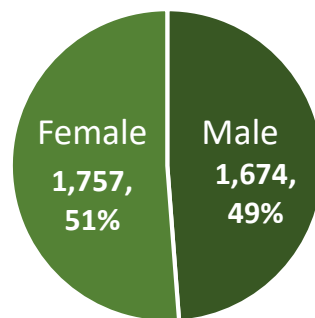
Location:

COVID-19 Cases by Other Geographic Area



Sex:

| Sex | Confirmed Cases | Total Tests | Positivity Yield | Case Incidence per 100,000 |
|--------|-----------------|-------------|------------------|----------------------------|
| Male | 1,674 | 17,108 | 10% | 2,293.1 |
| Female | 1,757 | 20,404 | 9% | 2,331.0 |

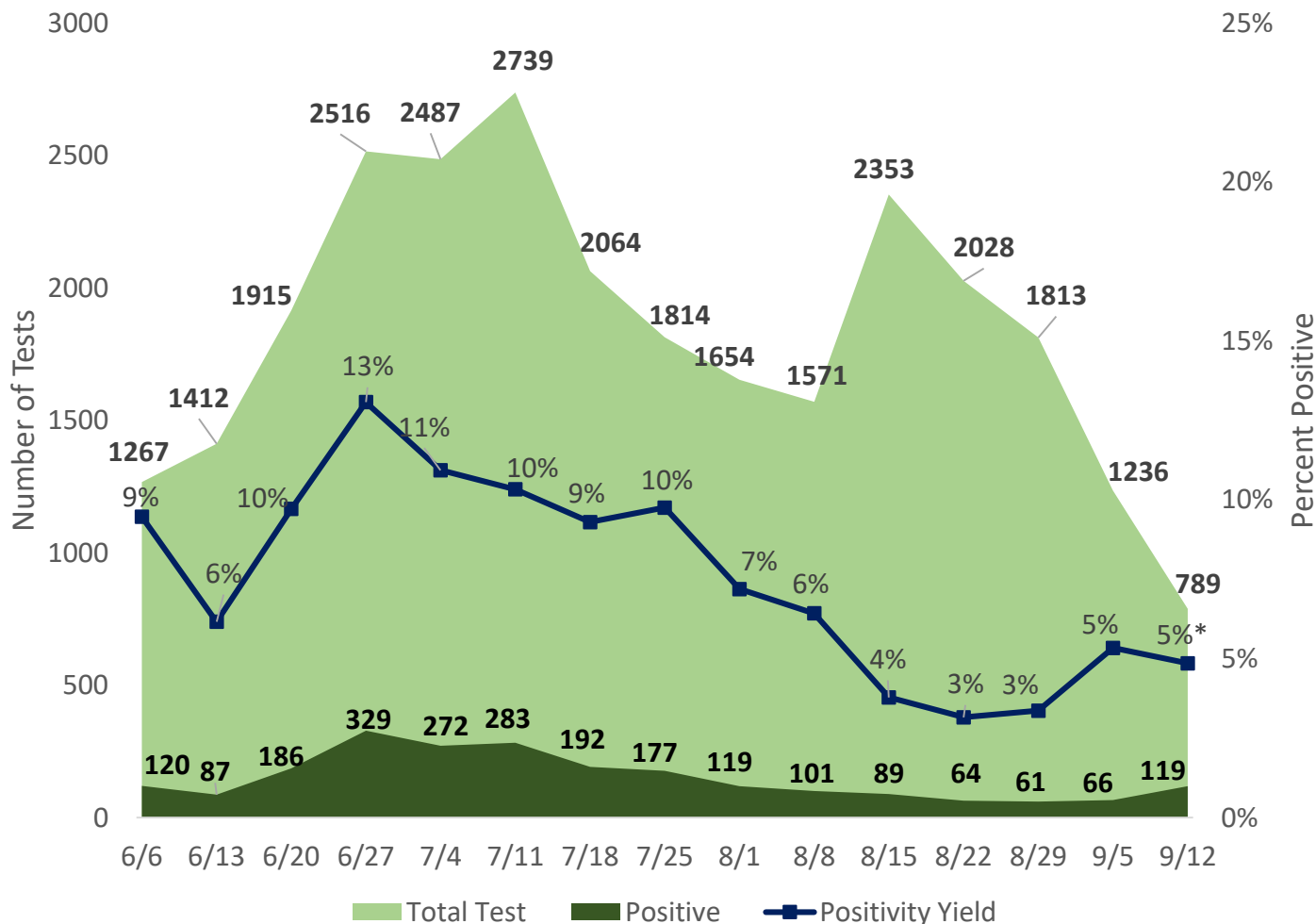


Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 19% more tests than male residents.
- Male residents have a higher testing positivity yield, as compared to female residents.

COVID-19 Situation Summary*

COVID-19 TESTING BY WEEK:



*Percent positivity was calculated using only ELR data due to insufficient reporting.

Specimen Collection: Coconino County response team site have collected a total of **19,591** specimens.

| | | | |
|----------------------|-------------------|---------------|------------|
| Fort Tuthill: 13,997 | CCHHS: 1,308 | CCC: 212 | NAU: 2,928 |
| Fredonia: 41 | Grand Canyon: 119 | Williams: 547 | Other: 439 |

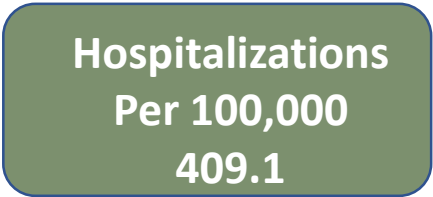
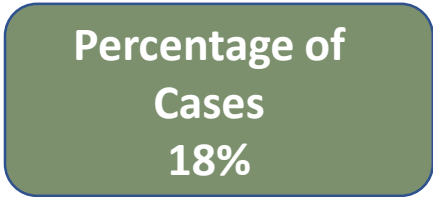
Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed: 1,740**

Monitoring: The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

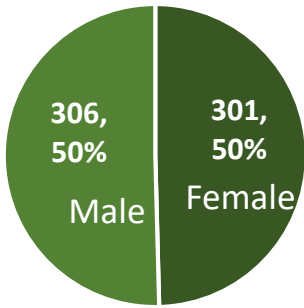
- **Currently being monitored: 99 (As of 9/12/2020)**
- **Total individuals monitored to date: 1,964**

Hospitalizations

(not all hospitals are currently reporting hospitalization data to Coconino County):

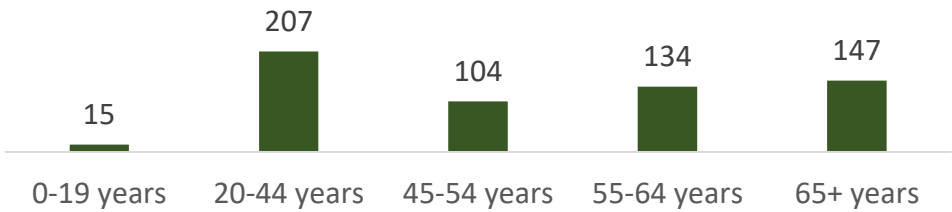


Sex

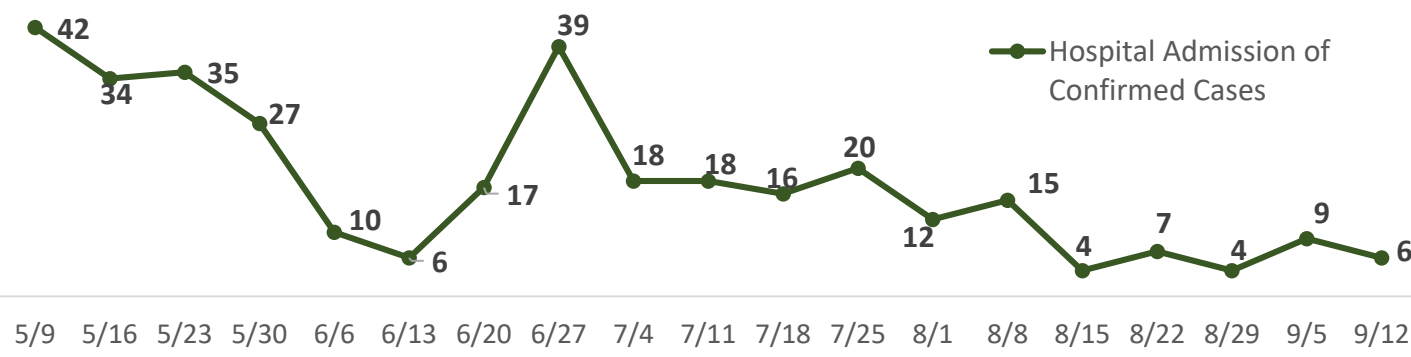


22% of hospitalized residents were in the ICU and 12% were intubated.

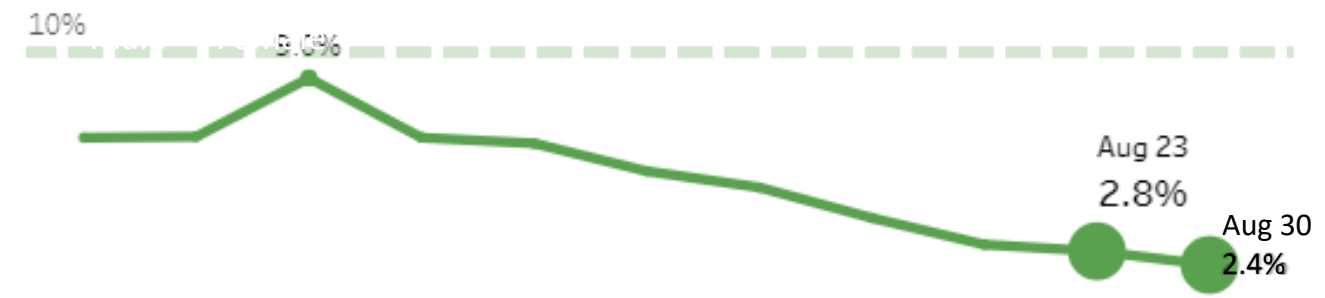
Hospitalized Coconino COVID-19 Patients by Age



Weekly Case Counts Among Coconino County Residents:



Hospital Visits for COVID-Like Illnesses Among Coconino County Residents:



*Cases reported from 3/15/20-9/12/20

CLI Graph provided by [Arizona Department of Health Services](#)

COVID-19 Situation Summary*

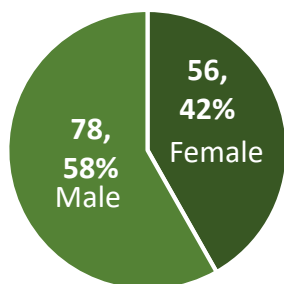
COVID-19 Related Deaths:

Percentage of
Cases
4%

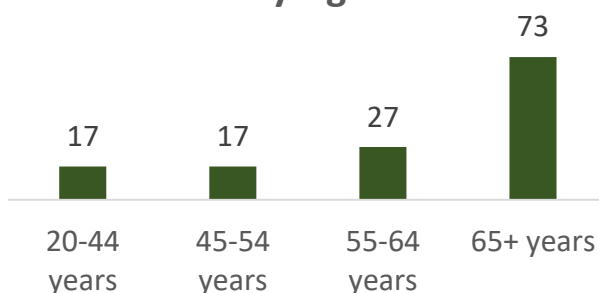
Deaths
134

Fatalities
Per 100,000
90.3

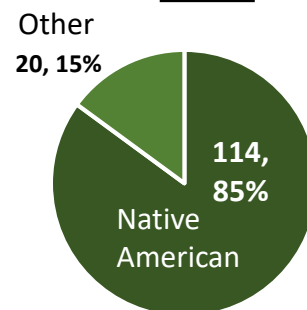
Sex



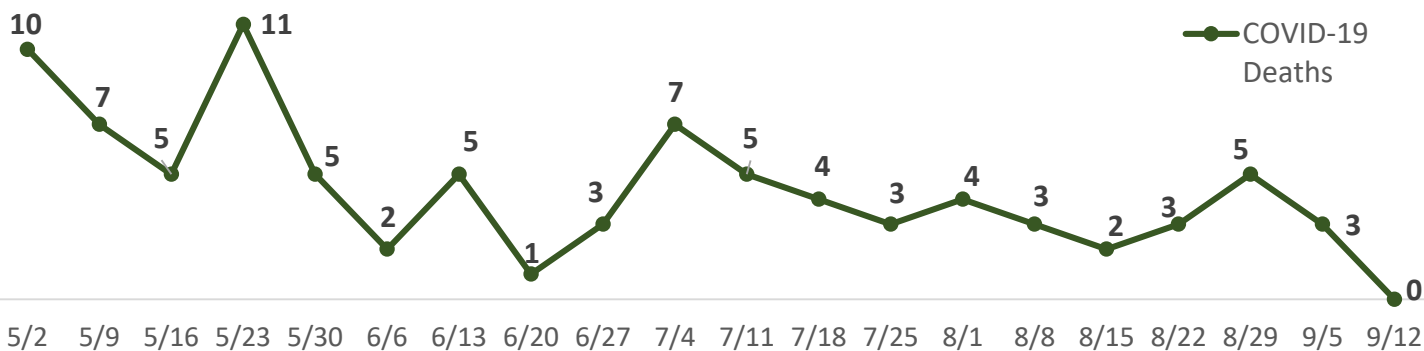
Coconino COVID-19 Deaths by Age



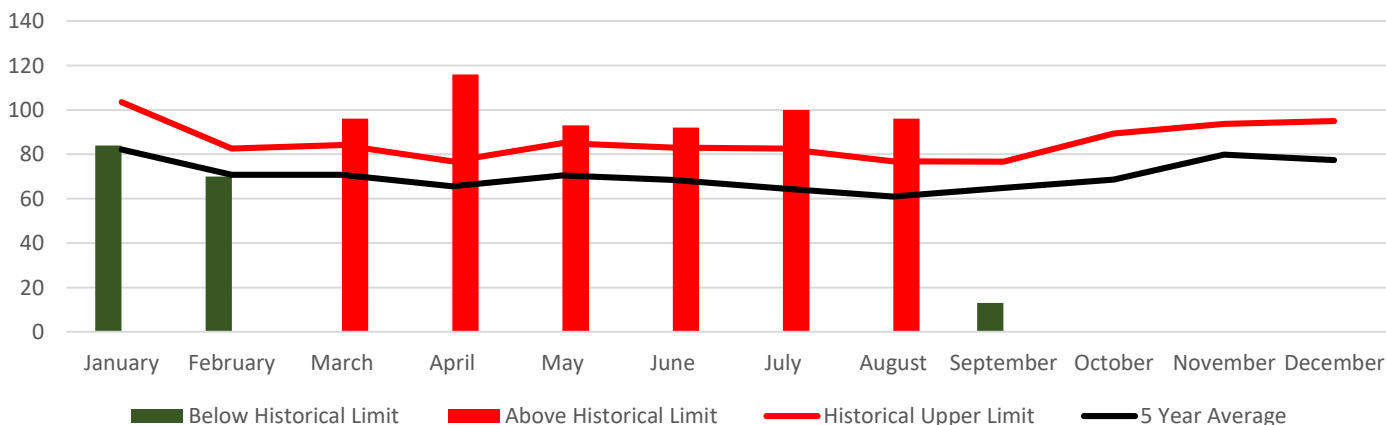
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2020 All Deaths Aberration



*Cases reported from 3/15/20-9/12/20